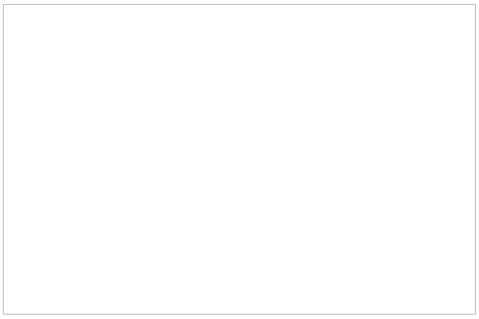
CANopen-PCI card with two ports

Advantech (USA) has introduced the PCI-1682U communication card that connects CANopen networks to PCs. The board is equipped with two independent SJA1000 stand-alone CAN controllers by NXP (Netherlands). The data transmission is rated up to 1 Mbit/s.

THE 16-MHz CAN CONTROLLERS SUPPORT MESSAGES in base (11-bit CAN-ID) or extended (29-bit CAN-ID) frame format. They are mapped to different addresses in the on-board memory. The CAN interface uses the PCA82C250 transceiver by NXP; it is optical isolated providing a protection of 1000 VDC. The device supports Windows 2000/XP/Vista/7, Linux, and QNX operating systems. The company's CANopen protocol library (acoapi) provides a C application-programming interface (API). The board may be installed in a 3,3-V and 5-V PCI slot and supports the plug-and-play functionality.
It is specified to operate from 0° C to +65° C. LEDs indicate transmit and receive status on each CAN port.
The dimensions of the board are 175 mm x 150 mm.



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